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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TABANI ET AL.

Examiner: S. CHAUDHRY

Serial No.: 10/091,201

Group Art Unit: 1746

Filed: MARCH 5, 2002

Docket: 14605.1USI2

Confirmation No.: 6365

Title: METHOD FOR CLEANING HOLLOW TUBING AND FIBERS

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 9, 2004.

By:

Name:

*K. John A. Wacker*  
*K. John A. Wacker*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 12 Reference(s)
- ☒ Check(s) in the amount of \$180.00 for filing Supplemental IDS after receipt of Office Action
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By:

Name: Dennis R. Daley

Reg. No.: 34,994

DDaley:PLSkaw

*Dennis R. Daley*



10/091,201

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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By:   
Name: Kristin A. Welch

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Enclosed is a check in the amount of \$180.00 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

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reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

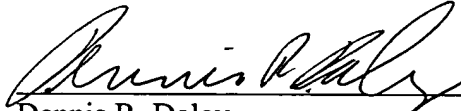
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.


Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: March 9, 2004

  
Dennis R. Daley  
Reg. No. 34,994  
DRD:PLSkaw



FORM 1449* 	<b>INFORMATION DISCLOSURE STATEMENT</b>	
	<b>IN AN APPLICATION</b>	
	(Use several sheets if necessary)	
Docket Number: 14605.1USI2	Application Number: 10/091,201	
Applicant: TABANI ET AL.		
Filing Date: 03/05/2002	Group Art Unit: 1746	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,881,563	11/21/1989	Christian			
	4,902,352	02/20/1990	Christian			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Azzopardi, B., "Drops in annular two-phase flow," <i>Int. J. Multiphase Flow</i> , Vol. 23, Suppl., pp. 1-53 (1997)
	Barajas, A. et al., "The effects of contact angle on two-phase flow in capillary tubes," <i>Int. J. Multiphase Flow</i> , Vol. 19, No. 2, pp. 337-346 (1993)
	Henstock, W. et al., "The Interfacial Drag and the Height of the Wall Layer in Annular Flows," <i>AIChE Journal</i> , Vol. 22, No. 6, pp. 990-999 (November 1976)
	Hewitt, G. et al., "Annular Two-Phase Flow," <i>Pergamon Press</i> , pp. v-vii, 1-20, chapters 1-2 (Date Unknown)
	Klauer, J., "Piping: An examination of pipe self cleaning in high-purity water systems," <i>Ultrapure Water</i> , pp. 56-60 (March 2001)
	Reinemann, D., "Dairy operators guide to milking machine cleaning and sanitation," <i>Paper written for presnetation at the NRAES the Milking Systems and Parlors Conference</i> , 8 pages (Janaury 30, 2001)
	Riedewald, F., "Biofilms in Pharmaceutical Waters," <i>Pharmaceutical Engineering</i> , 8 pages (November/December 1997)
	Tragardh, C., "Cleaning in air-water-flow," <i>Division of Food Engineering, Lund Engineering, Alnarp (Sweden)</i> , pp. 424-429 (Date Unknown)
	Triplett, K. et al., "Gas liquid two-phase flow in microchannels. Part 1: two-phase flow patterns," <i>International Journal of Multiphase Flow</i> , Vol. 25, pp. 377-380, 387-393 (1999)
	Woodmansee, D. et al., "Mechanism for the removal of droplets from a liquid surface by a parallel air flow," <i>Chemical Engineering Science</i> , Vol. 24, pp. 299-307 (1969)

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	